



**For: MULTI-FREQUENCY BORING TOOL LOCATING  
SYSTEM AND METHOD**

United States Postal Service as First Class Mail in  
 0, 2004.

  
 Jay R Beyer

Respectfully submitted,  
  
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Jay R Beyer  
Registration No. 39,907

<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. <b>DCI-P017CIP1C</b>	Serial No.: <b>Not Yet Assigned</b>
	Applicants: <b>Guenter W. Brune et al</b>	
	Filing Date <b>April 10, 2004</b>	Group <b>2862</b>

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	3,226,633	12/1965	Schneider			
	B	4,451,789	5/1984	Meador			
	C	4,710,708	12/1/87	Rorden et al			
	D	4,845,433	7/1989	Kleinberg et al			
	E	4,933,640	6/1990	Kuckes			
	F	5,019,822	5/1991	Kirkland			
	G	5,119,028	6/1992	Mooney et al			
	H	5,157,605	10/1992	Chandler et al			
	I	5,264,795	11/1993	Rider			
	J	5,337,002	8/9/94	Mercer			
	K	5,361,029	11/1994	Rider et al			
	L	5,585,726	12/1996	Chau			
	M	5,654,638	8/1997	Shoemaker			
	N	5,907,242	5/1999	Gard			
	O	5,917,325	6/1999	Smith			
	P	6,014,026	1/2000	Mercer			
	Q	US6,285,190B1	9/2001	Brune et al			

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	R							

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	S	J. R. Wait and L. L. Campbell, The Fields of an Oscillating Magnetic Dipole Immersed in a Semi-Infinite Conducting Medium, June 1953, Journal of Geophysical Research, V 58, No 2, pp 167-178
	T	H. K. Sacks, Electromagnetic Technique for locating Boreholes, Report of Investigations 8302, 1978, US Dept of the Interior, pp 1-14,
	U	Radiodetection Limited, Monitoring the Progress of Horizontal Boring Tools, April 1990, Radiodetection Limited. technical specifications sheet
	V	
	W	
	X	
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.